

GRUNIN, K.Ya.

Biology of the new genus of flies *Mixocordylura* Hendel (Diptera,
Cordyluridae) in the U.S.S.R. Ent. oboz. 44 no.3:584-585 '65.
(MIRA 18:9)

1. Zoologicheskii institut AN SSSR, Leningrad.

GRUNIN, K.Ya.; SHUBIN, N.G.

New warble fly *Teba schubini* Grunin gen. et sp. n. (Diptera,
Hypodermatidae) from Siberia. Zool. zhur. 44 no.9:1414-1415
'65. (MIRA 18:10)

1. Zoologicheskii institut AN SSSR, Leningrad i Tomskiy
gosudarstvennyy universitet.

GRUNIN, N.Ya.

New building of a telecommunication center. Vest. svyazi 24
no.3:31 Mr '64. (MIRA 17:4)

1. Starshiy inzhener po kapital'nomu stroitel'stvu Brestskogo
oblastnogo upravleniya svyazi.

L 00002-66

ACCESSION NR: AR5005448

S/0275/64/000/012/A012/A013

621.529

SOURCE: Ref. zh. Elektronika i yeye primeneniye. Svodnyy tom, Abs. 12A68 ¹⁹₃

AUTHOR: Grunin, V. K.; Kozyrev, B. P.

TITLE: Infrared gas analyzer with an FEOU-18 amplifier ¹⁰

CITED SOURCE: Izv. Leningr. elektrotekhn. in-ta, vyp. 52, 1964, 100-106

TOPIC TAGS: gas analyzer, infrared gas analyzer

TRANSLATION: An attempt has been made to design a laboratory gas-analyzing outfit with a high sensitivity ensured by a greater path passed by the radiation in an absorbent, by a sensitive radiation receiver, and an FEOU-18 amplifier. A principal diagram of the outfit is given. A low-voltage incandescent lamp with a glass ballast transmitting 0.4-2.5-micron radiation is used as a source of radiation. A possibility is provided for using a lamp with a NaCl window which

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transmits the radiation up to a 17-micron wavelength. The radiated power of the source can be adjusted within 3.5-9 w. The radiation of the source placed in the focus of two spherical mirrors is divided by the mirrors into two parallel beams which pass measuring and compensating cells. Thereupon, both beams are focused, by means of a second similar pair of mirrors, on a vacuum radiation thermoconverter which supplies its signal to the FEOU-18 amplifier. If there is no gas in the measuring cell, or if equal amounts of gas are present in both cells, the output-radiation intensities of both beams are identical, the correctly compensated receiving thermocouples generate equal emf's, and no signal comes to the amplifier. When a radiation-absorbing gas is introduced into a measuring cell, the radiation traversing it is attenuated, and the thermoconverter sends to the amplifier a signal proportional to the absorbed radiation. The outfit is equipped with a vacuum system which permits exhausting the cells down to 0.01 torr where the effect of the atmospheric-air absorption becomes practically nil. This permits measuring both a gas mixed with air and a pure gas. Gas is admitted into the measuring cell through a special batcher permitting an output

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ACCESSION NR: AR5005448

pressure 4000 times lower than the input pressure. For example, with an input batcher pressure of 0.76 torr, the measuring cell receives 1.9×10^{-4} torr. A general appearance of the outfit is shown. The first experiments involved carbon dioxide, and a high sensitivity of the outfit to this gas was proven. For example, a carbon-dioxide concentration of 0.066% caused a galvanometer deviation of 650 mm (with a zero-point drift of 40 mm), which is equivalent to a threshold sensitivity of 0.004%. Bibliography: 10 titles.

SUB CODE: IE, EC

ENCL: 00

mlr
Card 3/3

ye.
GRUNIN, V. inzhener-konstruktor.

Mechanization and automatization of flat knitting machines. Prom.
koop. no.4:14-16 Ap '56. (MLRA 9:8)

1. Nauchno-issledovatel'skiy institut trikotazhnoy promyshlennosti.
(Knitting machinery)

ORUNIN, V.Ye., inzhener.

Mechanization and automatization of manually performed operations on
flat, cardigan-stitch knitting machines. Leg.prom. 16 no.9:33-37
S '56. (MLRA 9:11)

(Knitting machines--Attachments)
(Automatic control)

GRUNIN, V.Ye., inzh.

Need for the creation of an automatic links and links flat
knitting machine. Tekst.prom. 21 no.3:33 Mr '61. (MIRA 14:3)
(Knitting machines)

ВНИИП, Т. 10.

Cutting of "prolon" sheets into ribbons. Mach.-issl. trady
ВНИИП no. 5:15-25 '64 (MFA 10:2)

GRUNINA, I.K.

Amino acid composition of the vegetative organs of corn and milium
in the Komi A.S.S.R. Biol. Glav. bot. sadu no.56:66-68 '66.
(IURA 18:5)

1. Glavnyy botanicheskiy sad AN SSSR.

GRUNINA, V. YA.

ABROSIMOVA, A.V.; GRUNINA, V.Ya.

Gauges for checking lever indicators. Izv. tekhn. no.2:69-70
Mr-Apr '57. (MLRA 10:6)

(Gauges)

GRUMIS, L.L.

Conducting an "Innovator's Day" at the "Kommunist" Plant in
Krivoy Rog. NTI no.3:21 '64. (MIRA 17:9)

1. Starshiy inzh. byuro tekhnicheskoy informatsii Krivorozhskogo
zavoda "Kommunist".

GRUNIS, L.L.

Innovator Petr Viktorovich Poliak. Mashinostroitel' no.11:6-8
N '64 (MIRA 18:2)

REZNIK, A.Ye., dotsent; BAYTERYAKOVA, N.R., assistant; ODELEVSKAYA, N.H., assistant; FEDORENKO, P.N., assistant; DAVYDOV, V.Ya., assistant; YEMALEYEVA, D.Sh., ordinator; GRUNITS, L.P., ordinator; RAFIKOVA, K.A., ordinator; IBRAGIMOVA, A.M.

Clinical features of the influenza outbreak in Kazan in October 1957. Kaz.med.zhur. 40 no.1:34-37 Ja-F '59. (MIRA 12:10)

1. Iz kliniki infektsionnykh bolezney (zav. - dotsent A.Ye. Reznik) Kazanskogo meditsinskogo instituta.
(KAZAN--INFLUENZA)

GRUNKIN, M.N., kandidat ekonomicheskikh nauk; SHROV, K.P., redaktor;
ILLYUMINARSKIY, K.L., redaktor; SMIRNOV, P.S., tekhnicheskii
redaktor

[Planning in industrial establishments] Planirovanie na promyshlennom
predpriatii. [Leningrad] Lenizdat, 1957. 81 p. (MLRA 10:9)
(Russia--Industries)

FAYERSHTERN, Natan Davidovich; KATS, Mikhail L'vovich; IVANISOV, Aleksandr Ivanovich; POMAZKOV, N.S., prof., doktor ekonom.nauk, retsenzent; GRUNKIN, M.N., dotsent, kand.ekonom.nauk, red.; VARKOVETSKAYA, A.I., red.izd-va; SPERANSKAYA, O.V., tekhn.red.

[Method of planning and rules for accounting in industrial management without workshops; from the work practice of the Leningrad Building Machinery Plant] Planirovanie i normativnyi metod ucheta pri bestsekhovom upravlenii proizvodstvom; iz opyta raboty Leningradskogo zavoda stroitel'nykh mashin. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 69 p. (MIRA 13:6)

(Leningrad--Building machinery industry--Accounting)

GRUNKIN, Mikhail Nikolayevich; AZAROV, E.K., red.; LEVONEVSKAYA, L.G.,
tekhn.red.

[Plan of our enterprise] Plan nashogo predpriatiia. Leningrad,
Lenizdat, 1960. 44 p. (MIRA 14:3)
(Industrial management) (Russia--Economic policy)

GRUNKIN, Mikhail Nikolayevich; AZAROV, S.K., red.; SHERMUSHENKO, T.A.,
tekhn.red.

[Administration of a socialist enterprise] Upravlenie so-
tsialisticheskim predpriatiem. Leningrad, Lenizdat, 1960.
48 p.

(MIRA 14:5)

(Industrial management)

KLIMOV, Aleksey Nikolayevich, kand. tekhn. nauk, dots.; OLENEV, Ivan Dmitriyevich, dots.; SOKOLITSYN, Sergey Alekseyevich, dots., kand. tekhn. nauk; TYAMSHANSKIY, N.D., kand. ekonom. nauk, dots.; SHAKHIDZHANYAN, V.M., kand. tekhn. nauk; SABITOV, F.Sh., kand. ekonom. nauk, retsenzent; NEYMARK, A.I., dokt.tekhn.nauk, prof., red.; GRUNKIN, M.N., kand. ekonom.nauk, dots.,red.; RUBCHINSKIY, A.M., kand.ekonom.nauk,dots.,red.; VARKOVETSKAYA, A.I., red. izd-va; KONTOROVICH, A.I., tekhn. red.

[Organizing and planning the operations of a machinery plant] Organizatsiya i planirovanie mashinostroitel'nogo zavoda. Moskva, Nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 512 p. (MIRA 14:8)

1. Nachal'nik planovo-ekonomicheskogo otdela Leningradskogo metallicheskogo zavoda imeni Stalina (for Sabitov)
(Machinery industry—Management)

GRUNKIN, Mikhail Nikolayevich; KARPOVA, L.A., red.; ZHUKOVA, Ye.G.,
tekhn. red.

[Organization and planning of auxiliary units and workshops]
Organizatsiia i planirovanie vspomogatel'nykh khoziaistv i
tsekhov; uchebnoe posobie. Leningrad, Izd-vo Leningr. univ.,
1963. 60 p. (MIRA 16:7)
(Industrial organization)

TSAPKIN, N.V.; GRUNKIN, M.N.; KUR'YANOVA, O.V., red.; PRESENOVA,
V.A., tekhn. red.

[Improve industrial guidance] Sovershenstvovat' rukovod-
stvo promyshlennost'iu. Leningrad, Lenizdat, 1963. 142 p.
(MIRA 17:1)

TSAPKIN, N.V.; GRUNKIN, M.N.; KUR'YANOVA, O.V., red.; PRELSNOVA,
V.A., tekhn. red.

[Improve industrial guidance] Sovershenstvovat' rukovod-
stvo promyshlennost'iu. Leningrad, Lenizdat, 1963. 142 p.
(MIRA 17:1)

GRUNKIN, P.N., otv. red.; METEL'KOVA, A.G., otv. red.; BULORGINA,
N.I., red.

[Organization and planning of industrial enterprises]
Organizatsiia i planirovanie promyshlennykh predpriatii;
sbornik prakticheskikh uprazhnenii. Leningrad, Izd-vo
Leningr. univ., 1964. 116 p. (FIRA 17:6)

1. Leningrad. Finansovo-ekonomicheskii institut. 2. Prepo-
davately kafedry ekonomiki promyshlennosti Leningradskogo
finansovo-ekonomicheskogo instituta (for Grunkin, Metel'kova).

GRUNKIN, Mikhail Nikolayevich; MUSHKIN, N.S., red.

Planning of production and managerial operations in an industrial enterprise] Planirovanie proizvodstvenno-khoziaistvennoi deiatel'nosti na promyshlennom predpriiatii. Leningrad, Izd-vo Leningr. univ., 1965. 134 p. (MIRA 18:9)

CZECHOSLOVAKIA

CATAR, G., Doc. MUDr, CSc.; VALENT, M. GRÜNNER, L.; KUČHTA, V.

1. Parasitological Research Laboratory, Dept. of Biology,
Faculty of Medicine, Comenius Univ. (Vyskumne laboratorium
parazitologie pri Katedre biologic Lek. fak. University
Komenskeho), Bratislava (for Catar and ?); 2. State Baths
(Statne kúpele), Lučky pri Ružomberku (for Grünner, Head, and ?)

Bratislava, Bratislavské lekárske listy, No 4, 28 Feb 67, pp 196-203

"On the transmission of trichomoniasis by thermal water."

(4)

GRÜNNER, O.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000617120007-7"

An interesting case of encephalopathy of a possible allergic
etiology. Cas.lek.cesk.99 no.37:1174-1176 9 S'60.

1. Neurologické oddelení ONZ v Uherském Hradisti, prednosta
prim. MUDr. A.Strnad.
(HYDROCEPHALUS etiol)

BOHANEŠ, M.; GROMBIR, J.; GRUNNER, Q.; KNOZ, J.; STRNAD, A.; VALIHRACH, J.

Ornithosis neuroinfection. Cas.lek.cesk.99 no.39:1238-1242 23 S '60.

1. Neurologické oddělení OUNZ Uh. Hradiste, prednosta prim.dr.
A. Strnad. KHEŠ v Gottwaldově, oddělení v Uh. Hradisti, virologická
laborator, prednosta prim.dr. J.Valihrach.
(NEUROLOGY)
(ORNITHOSIS compl)

GRUNTER, O.

0002

no academic degree indicated

Priessnitz sanitarium (lecebna Priessnitz), Spa Jesenik; director: O.GRUNTER,MD

Bratislava, Bratislavske lekarske listy, No 10, 1962, pp 606-613.

"Patogenesis of Neuroses in the Light of Diencephalocortical Relations"

GRUNNER, O.

The pathogenesis of neuroses in the light of diencephalocortical relations. Bratisl. lek. listy 42 no.10:606-613 '62.

1. Z léčebny Priessnitz v lázních Jeseníku, ved. lek. MUDr. O. Grunner.
(CEREBRAL CORTEX) (DIENTEPHALON) (NEUROSES)

CZECHOSLOVAKIA

O. GRÜNER, Czechoslovak State Spa (Československé státní lázně) Lázně Jeseník.

"Objectivization of Effects of Balneologic Treatment on Neurotics by Means of the Dermal Capillary Reactivity Test."

Prague, Activitas Nervosa Superior, No 2, Vol 5, May 63; pp 162-163.

Abstract: Tests in 25 neurotic patients upon arrival in spa and at end of treatment. There was an improvement in speed of equalization of skin temperature following application of a 5-minute cooling stimulus to forearm.

1/1

CZECHOSLOVAKIA

O. GRÜNER, Lázně Jeseník (08/10/2001), CIA-RDP86-00513R000617120007-7

"Discussion of Article by Docent Jan HRBEK et al. on 'Autonomic Reactions Accompanying Training to Laboratory Language. Part 1. Study of Temperature Changes'."

Prague, Activitas Nervosa Superior, Vol 5, No 3, July 63; pp 308-309.

Abstract: Polemical criticism of an article, adducing many reasons why Dr Hrbek's results, conclusions and contentions on peripheral heat regulation and influence of autonomic nervous impulses thereon are all wrong and invalid. Four Western references.

1/1

CZECHOSLOVAKIA

Czechoslovak State Spa (Čes. Státní Lázně) in Lázně

GRUNNER, O.

Spa therapy in neuroses. Aktiv. nerv. sup. 6 no.1:99-100 '64.

*

GRUNNER, O.

Electroencephalographic findings and the recolorification test
of reactivity of skin capillaries in the evaluation of neuroses.
Acta nerv. sup. (Praha) 6 no.4:376-383 '64.

1. Lecebna Priesnitz, Lazne Jesenik.

GRUNNER, O.

Changes in diencephalocortical reactivity in the course of combined balneotherapy of neuroses in the light of the Forsham test. Bratisl. lek. listy 44 no.4:224-229 31 Aug '64.

1. Lecebna Priesnitz v lazniach Jeseniku (ved. lek. MUDr. O. Grunner).

GRUNNER, O.

Electroencephalographic findings in neuroses. Bratisl. lek. listy
44 no.5:257-265 15 S'64

1. Lecebna Priessnitz v Laznich Jeseniku; vedouci lekar MUDr.
O. Grunner.

GRUNNER. O.

Disorders in the relation of the cortex and subcortex in neuroses
in the light of electroencephalographic data and the Forsham test.
Bratisl. lek. listy 44 no.7:407-416 15 0 '64.

1. Lecelna Priessnitz v Lasnich Jeseniku, (ved. lek. MUDr. O.
Grunner).

GRUNNER, O.

The Hoorweg-Weiss curve in the evaluation of the sensory excitability threshold by means of phosphenes in neurones and various other diseases of the CNS. *Activ. nerv. sup.* (Praha) 7 no.1:41-50 '65.

1. Lecebna Priessnitz, Lazne Jesenik.

GRUNNER, O.

Changes in diencephalic-endocrine mechanisms in neuroses during the course of balneological treatment in the light of the re-calorification and Forsham test. Cesk. neurol. 28 no.1:66-73 Ja '65.

1. Lecebna Priessnitz v lazniach Jaseniku (vedouci lekar MUDr. O. Grunner).

L 13151-66

ACC NR: AP6005694

SOURCE CODE: CZ/0079/65/007/002/0203/0203

AUTHOR: Grunner, O.

ORG: Czechoslovak State Spa, Jesenik (Lazne Jesenik - lecebna Priessnitz)

TITLE: Comparison of sensory excitability, reaction to Forsham test, and reactivity of skin capillaries in neurotics [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 203

TOPIC TAGS: psychoneurotic disorder, vision, blood circulation, central nervous system

ABSTRACT: The curve of the intensity-time relationship for phosphenes was evaluated in 30 healthy subjects and 180 neurotics. Pathological responses were observed in more serious neuroses, particularly in marked anxiety or depression combined with a chronic disease. In severe neuroses, skin capillary reactivity was shifting from normal values to hyper- or hypokinetic. Correlation between pathological reaction to adrenaline and the pathological course of the sensoric curve intensity-time was proved. In neuroses there is some impairment of some central nervous structures. The cortex also acts on the diencephalic regulation, and on the changes in excitability of peripheral receptors.

Orig. art. has: 1 table. [JPRS]
SUB CODE: 406 SUBM DATE: none
Card 1/1

CZECHOSLOVAKIA

GRUNNER, O.; Czechoslovak State Spa, Jesenik. [Orig. version not given].

"Threshold of Erythema Skin Reaction to UV Irradiation in Neuroses."

Prague, Activitas Nervosa Superior, Vol 8, No 2, Jun 66, p 219

Abstract: Erythema threshold of UV irradiation was determined by 228 examinations conducted on 131 patients. A 3 minute bio-dose was considered to be normal physiological value. Appearance of erythema after 5 minutes was considered to indicate hyporeactivity, erythema appearing in the 1st minute of irradiation indicated hyperreactivity. If no reaction was observed after 5 minutes, skin was considered to be areactive. It was determined that the number of abnormal values of the biodose increases with the intensity of neurotic symptoms. The relationship between UV irradiation tolerance and neuroses was not quite clear; this indicates a certain independence of processes on skin periphery. Constitutional hormonal and trophic influences also determine the reactivity. Submitted at the 4th Conf. of Exper. and Clin. Study of Higher Nerv. Functions at Mar. Lazne 12-15 Oct 65.
1/1 No references. Article is in English.

CZECHOSLOVAKIA

~~APPROVED FOR RELEASE: 08/10/2001~~ ~~CIA-RDP86-00513R000617120007-7~~
Spa Priesnitz (Lecebna Priesnitz), Lazne Jesenik.

"Relationship Between Irritability of the Optic Analyzer and EEG Findings in Neuroses."

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 4, Aug 66, pp 237 - 246

Abstract: In a group of 89 patients with neuroses and pseudoneuroses the examination of the irritability of the optic analyzer was carried out on the basis of the sensory I/t curve. EEG recordings of the patients were also made. The seriousness of the disease was assessed by the short form of Knobloch and the anxiety and depression tests of Taylor. Individual EEG findings, types and seriousness of neuroses evaluated on the basis of the methods mentioned above were compared to the results obtained on the basis of the I/t curve. The comparison showed the possibility of a connection between several characteristics of the EEG recordings and the sensory I/t curve of the optic analyzer in neuroses. 3 Figures, 2 Tables, 10 Western, 14 Czech, 6 Russian, 1 East German reference. (Manuscript received 18 Aug 64).
1/1

GRUNNROVA, O.

"Factory Broadcasts, Efficient Prop aganda Instrument," p . 3.
(Ludovy Rozhlas, Vol.9, No.20, May 1953, Bratislava.)

SO: Monthly List of ^{East European} ~~Russian~~ Accessions, Vol.2, No.9, Library of Congress, September 1953, Uncl.

Wrocław, Medycyna Weterynaryjna, Vol. 18, No. 3, April 1962.

(32)

8. "Determination of the Global Artificial Radioactivity Data in the Bones of Slaughter Animals in 1959 and 1960," Karol SZCZECIŃSKI of the Chł. Gł. Wydziału of Animal Products (Katedra Mięsnych Produktów Zwierzęcych) of the Faculty of Veterinary Science at Wrocław (Director: Prof. Dr. Jan Kubiś); pp. 214-215 (English summary).
9. "The Polish Portable Trichoscope 'M. Tr.' for Field Work," Włodzisław KATKOWSKI; p. 216.
10. "Selected Problems of Diseases of Calves," Karol SZCZECIŃSKI; pp. 216-219.
11. "A Case of Periparturient Paralysis in a Cow in the Eighth Month of Pregnancy," Jan KRYŻANOWSKI; pp. 219-220.
12. "Two Cases of Corynebacterium bovis," Anonim CHOLEWA KRYŻANOWSKI of the P.N. (Pamięć, Znaczenie, Zasady) dla Weterynarzy, State Animal Hospital at Międzybóże; p. 220.
13. "Brucellosis Cyst in a Dog," Władysław KUBIŚ and Włodzisław KATKOWSKI of the Chł. Gł. Wydziału of Animal Products (Katedra Mięsnych Produktów Zwierzęcych) of the Faculty of Veterinary Science at Wrocław (Director: Prof. Dr. Jan Kubiś); pp. 221-222.
14. "Transmission in Poultry," Włodzisław KATKOWSKI; pp. 222-227.
15. "Effect of Pregnancy on the Sexual Cycle of Female Rabbits," O. GRYBICKI, N. ALKASABOWSKI, Z. GŁADKI, A. KOTYŚ, J. KRYŻANOWSKI, J. KUCIŃSKI, M. KUBIŚ, J. KUBIŚ, I. KUBIŚ, K. SZYMANEK, Z. WŁODARSKI, J. WŁODARSKI, students of the Faculty of Veterinary Medicine and members of the Wydział Mięsnych Produktów Zwierzęcych of the Faculty of Veterinary Science at Wrocław (Director: Prof. Dr. A. Kubiś); pp. 227-229.
16. "Attempts to Feed Rabbits with Surrogate," Włodzisław KATKOWSKI; pp. 229-231.

9(2,3), 28(2)

SOV/115-59-8-19/33

AUTHOR: Gruns, Ya. E., Suvorov, Ye. A.

TITLE: A Transistorized Device for Determining the Magnetic Susceptibility of Rocks

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 8, pp 37 - 39 (USSR)

ABSTRACT: The authors describe a device for measuring the magnetic susceptibility χ of rocks and metallometric specimens under field conditions. K. Khaliulina, a student of the Ural'skiy politekhnicheskii institut (Ural Polytechnic Institute) participated in the development of this device. The device may be used for measurements not only on samples but also directly on outcrops. The principal circuit diagram is shown in Figure 1. The device contains five transistors. The differential circuit, consisting of two choke coils fed by a ac generator is balanced in air. When the specimen to be tested is applied at the transducer, the inductivity of the latter changes. This causes an unbalance at the outlet of the differential circuit which is fed to an amplifier, which is rectified and measured by a permanent magnet

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SDY/115-59-8-19/33

A Transistorized Device for Determining the Magnetic Susceptibility of Rocks

moving coil microammeter. The sensitivity of this device is 10^{-5} GGS μ . Its accuracy within the temperature range of $-10^{\circ}C$ to $+60^{\circ}C$ is $\pm 10\%$. The measuring ranges are 10^{-5} to 0.2 GGS μ . The amplified signal is rectified in a Grätz rectifier. The device is fed from KBS-L-0.5 batteries. One battery set will work for 100 hours. The transducer is shown in Figure 2. The alternating current generator consists of two stages, one self-oscillator and one amplifier. The generator produces a frequency of 965 cps and a voltage of 3 volts. There are 1 circuit diagram, 2 diagrams and 1 Soviet reference.

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28(4)

AUTHORS:

SOV/32-25-7-42/50
Mikhaylov, L. A., Komissarov, F. I., Miroshnikov, V. A.,
Grunz, Ya. E., Kagan, M. Ye., Vayl', Ye. I., Kozyura, A. S.,
Sklyarov, A. A.

TITLE:

News in Brief (Korotkiye soobshcheniya)

PERIODICAL:

Zavodskaya laboratoriya, 1959, Vol 25, Nr 7, pp 886-897 (USSR)

ABSTRACT:

L. A. Mikhaylov, F. I. Komissarov, V. A. Miroshnikov (workers in a Plant Laboratory) describe a device (Fig) for sampling weld wire. The sampling was carried out by means of a spur-gear cutter; about 70 g can be obtained within 4-5 minutes. Ya. E. Grunz and M. Ye. Kagan (Institut geofiziki UFAN SSSR) (Institute of Geophysics of the UFAN USSR) describe a device working on the principle of semiconductors for measuring the specific electric resistance of water in hydrochemical prospecting. The functioning of the device is based on the measurement of the resistance between two electrodes which are dipped into the water to be examined. The device has an automatic generator with triodes P1G with an amplifier and triode P2B, and triodes P2B for the bridge scheme. Its weight amounts to 2.2 kg and its dimensions are 233 x 100 x 170 mm. It is charged by two batteries 49-SAMTsG-0.25.

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News in Brief

SOV/32-25-7-42/50

Ye. I. Vayl', A. S. Kozyura, A. A. Sklyarov (NII Ukr. VODGYeO) report on a modification of the photometer FM-56 (Fig): the stand is displaced by a plexiglass stand. The latter has holes which correspond to the cuvettes used and thus measuring errors can be avoided because of insufficiently covered holes. There are 2 figures.

Card 2/2

GRUNS, Ya.E.; KAGAN, M.Ye.

Transistorized device for determining the electrical resistivity
of water; resistivity meter. Trudy Gor.-geol. inst. UFAN SSSR.
no.34:95-100 '58. (MIRA 14:10)
(Water, Underground--Electric properties)
(Electric prospecting)

GRUNSHPUN, A.Ye.

Measuring side gaps in worm gears. Mashinostroitel' no.7:32 JI
'60. (MIRA 13:7)

(Gearing, Worm--Measurement)

USSR / Human and Animal Morphology (Normal and Pathological).
Circulatory System. Blood Vessels.

S

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 2964

Author : Grunskaya, A. P.

Inst : Rostov-on-Don Medical Institute

Title : Morphology of the Deep Brachial Artery and Shoulder Veins in Relation to Age

Orig Pub : Tr. Otkhetn. nauchn. konferentsii (Rostovsk.-n/D med. in-t) za 1956 g, Rostov-na-Donu, 1957, 179-180

Abstract : On 54 upper extremities of adults and children it was demonstrated that the deep brachial artery (DBA) divided into 2 branches in 16.1% of cases, 3 branches in 46%, 4 branches in 22.2%, 5 branches in 9.2% and 6 branches in 6.5%. All of them were of the magistral type in 57.2% and of scattered type in 42.8%. Often, besides the lateral radial and lateral middle branches,

Card 1/2

APPROVED FOR RELEASE: 08/10/2001
USSR / Human and Animal Morphology (Normal and Pathological).
Circulatory System. Blood Vessels.

CIA-RDP86-00513R000617120007-7"

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 2964

a third branch originated from the DBA and supplied the deltoid muscle (26% in adults and 20% in children). In adults the branches of DBA originate under a sharp angle during the course of the artery before and within the brachial canal in 62.5% of cases, and the branches to the arterial rete of the elbow joint originate at a straight angle in 60.5% of cases. The accompanying veins enter the brachial vein at similar angles.

Card 2/2

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

RUMANIA/Human and Animal Morphology - Respiratory System.

S

Abs Jour : Ref Zhur Biol., No 5, 1959, 21458
Author : " Grunspan, M.
Inst : -
Title : Methods of Examination of the Bronchial and Pulmonary
Volume in a Perfused and Non-Perfused Pulmonary Lobe
Orig Pub : Fiziol. norm. si patol., 1957, 4, No 3, 266-271
Abstract : No abstract.

Card 1/1

Studies on the inactivation of the endogenous histamine in the lungs
of dogs. Studii cerc fiziol 4 no.4: 547-552 '59. (EEAI 9:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R., Laboratorul de fiziologie
pulmonara. 2. Secretar stiintific, Comitetul de redactie, Studii
si cercetari de fiziologie (for Cirstea)

(HISTAMINE)

(LUNGS)

(CURARE)

(ANTIGENS AND ANTIBODIES)

EXCERPTA MEDICA Sec 2 Vol 12/7 Physiology July 59

2936. EXPERIMENTAL STUDY OF RELATIONSHIPS BETWEEN PULMONARY CIRCULATION AND VOLUME OF AIR IN THE BRONCHI AND LUNGS IN THE DOG - Etude expérimentale sur les rapports entre la circulation pulmonaire et le volume aérien bronchopulmonaire chez le chien - Grünspan M. and Cristea M. Inst. de Physiol. Norm. et Pathol.; Lab. de Physiol. et Physiol. Pulmonaire, Acad. R.P.R., Bucarest - J. PHYSIOL. (Paris) 1958, 50/4 (839-852) Illus. 5

Left thoracotomy was performed on anaesthetized dogs under artificial respiration, with resection of the 4th and 5th ribs, exposure of the artery, veins and bronchus of the left lower lobe and registration of contraction of the broncho-pulmonary musculature, perfusion of the lobe and registration of vasomotor reactions. Observations on the effects of adrenaline, ACh and histamine on the lung were followed by measurements of the relationship between pulmonary circulation and broncho-pulmonary air volume. Adrenaline caused pulmonary vasoconstriction without broncho-motor effect; ACh caused bronchoconstriction and a pulmonary vasoconstriction which was not influenced by physostigmine; histamine caused bronchoconstriction and increased the resistance of the pulmonary vessels. Thus pulmonary bronchomotor reactions were not accompanied by corresponding circulatory changes in the pulmonary vein, from which it appears that the mechanisms of pulmonary vasomotor reactions and bronchomotor reactions are independent.

Meyer-Oulif - Paris

GRUNSPAN, M.

On the role of the hypothalamo-hypophyso-suprarenal system in histamine metabolism, in allergy, and in bronchial asthma. Studii cerc fiziol 6 no.2:317-323 '61.

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.

(HISTAMINE) (ALLERGY) (ASTHMA) (NERVOUS SYSTEM)

BENETATO, Gr., acad: VASILESCU, V.; MIULESCU, Viorica; GRUNSPAN, M.; COVASNEANU, Zenobia; STERESCU, N.

On the output and rate of adrenocortical-pituitary secretion in dogs.
(Experimental investigations by means of the "isolated head and brains"
perfusion method). Rumanian M Rev. no.1:85-93 Ja-Mr '61.

(ADRENAL CORTEX physiology) (PITUITARY GLAND physiology)
(CORTICOTROPIN blood)

BENETATO, Gr., acad.; VASILECU, V.; HAULICA, I.; GRUNSPAN, E.; STERESCU, N.;
COVASNEANU, Zenobia; GLEJAN, L.; DUMITRIU, S.

A study of the chemical mediators of adrenocorticotrophic neurohypophyseal
secretion. Rumanian M Rev. no.1:94-95 Ja-Mr '61.

1. The "Prof. Dr. D. Danielopolu" Institute of Normal and Pathological
Physiology, Academy of the R.P.R. Director: Acad. Gr. Benetato) and the
Chair of Physiology of the Medicopharmaceutical Institute, Bucharest.
(ADRENAL CORTEX physiology) (PITUITARY GLAND physiology)
(PARASYMPATHOLYTICS pharmacology) (SYMPATHOLYTICS pharmacology)
(HISTAMINE pharmacology)

GRUNSPAN, M.; CIRSTEA, M.; SUHACIU, G.

Release and metabolism of endogenous histamine in the lung of dogs with alloxan diabetes. Rumanian M Rev. no.1:166-169 Ja-Mr '61.

1. The "Prof. Dr. Danielopolu" Institute of Normal and Pathological Physiology, R.P.R. Academy. Director: Acad. Prof. Gr. Benetato.
(DIABETES MELLITUS experimental) (HISTAMINE metabolism)

GRUNSPAN, M.

Intracellular localization of slow-reacting-substance activity.
Stud. cercet. fiziol. 10 no.3:253-261 '65.

HECKO, I., zapovedny vyskumny pracovník; SINTAJ, M.; HLAVATY, J.; KUKURA, J.;
LIPKOVA, V.; SEVCIKOVA, A.; GRUNT, J.; GAZO, M.; MULLER, M.;
VALASEK, V.

Prevention of infections in nurseries. Bratisl. lek. listy 34 no.9:
1021-1045 Sept 54.

1. Z Krajskeho detskeho ustavu narodneho zdravia v Bratislave,
riaditel dr. A.Novak (for Hecko, Sintaj, Hlavaty) 2. Z Hygienickeho
ustavu LF SU v Bratislave, prednosta akademik V.Much, a z Ustavu
hygieny, oblastneho ustavu pre Slovenko v Bratislave, riaditel doc.
dr. P.Macuch (for Kukura, Lipkova, Sevcikova, Grunt) 3. Z Ustavu
pre vyskum vyzivy ludu v Bratislave, prednosta dr. A.Bucko. (for
Gazo, Muller) 4. Z Vyskumneho ustavu epidemiologie a mikrobiologie
v Bratislave, riaditel dr. J.Karolcek, z oddelenia pre parazitologiu,
prednosta dr. M.Dziuban.

Spolupracovníci: a) z detskej kliniky: M.Krupska a skupina medikov
(v ramci studentskej tvorivosti), V.Bohmerova, M.Cernacek, V.Kovac,
D.Krivosova, M.Lickova, t.c. uz doktori mediciny. Pred zaciatkom
vyskumnej prace riaditel KUNZ dr. A.Novak vykonal instruktaz medikov:
b) z Hygieniko-epidemiologickej stanice UNV Bratislava M.Zatkova
c) z jasiel 1. na Blahovej ulici c.4.: M.Hlebakova (veduca sestra),
J.Benedekova, G.Skotnarova, A.Nozkova, M.Lukovicova, H.Oriskova,
V.Feherova; 2. na Feriencikovej ulici c. 6: H.Nemcekova (veduca
sestra), M.Slobodova, N.Dobrotkova, A.Macenauerova, B.Stabelova.

(Continued on next card)

HECKO, I., zapovedny vyskimny pracovník; SINTAJ, M.; HLAVATY, J.; KUKURA, J.;
LIPKOVA, V.; SEVCIKOVA, A.; GRUNT, J.; GAZO, M.; MULLER, M.;
VALASEK, V.

Prevention of infections in nurseries. Bratisl. lek. listy 34 no.9:
1021-1045 Sept 54 (Card 2)

d)z Hygienickeho ustavu LFSU a z Ustavu hygieny: O.Cikova,
X.Rozholdova, L.Haragova, M.Jurcova, T.Orthova; e)z Ostavu pre
vyskum vyzivy ludu: M.Popik, A.Kohutova, L.Sintajova, M.Krcnava;
P.Ambrova, J.Kollarik, M.Asztalosova.

(COMMUNICABLE DISEASES, in infant and child,
prev. in nurseries)

(INFANTS,
nurseries, prev. of communicable dis.)

HECKO, I.; GRUNT, J.; SVITKOVA, A.; JURCOVA, M.

Evaluation and comparison of environmental conditions in two
residential day nurseries in Bratislava. Cesk. pediat. 12 no.1:
38-45 Jan 57.

1. Oblastny ustav hygieny v Bratislave, riaditel doc. MUDr.
P. Macuch.

(INFANT CARE

day nurseries in Czech., comparison (Cz))

MACUGH, P.; DROBIL, M.; GRUNT, J.

The participation of the hygienist in territorial planning. J. Hyg. Epidem., Praha 1 no.4:451-459 1957.

1. Institute of Hygiene, Bratislava.
(HYGIENE,
hygienist's role in territorial planning)

MACUCH, P.; DROBIL, M.; GRUNT, J.; PARRAKOVA, E.

Problems of communal hygiene in rural areas. Cesk. hyg. 7 no.6:
362-367 J1 '62.

(RURAL HEALTH)

GORNER, F.; KVASNICOVA, V.; JANOTIK, J.; GRUNT, J.

A simple method for the determination of bacteria from the coli-aerogens group in fresh milk. Bratisl. Lek. Listy 43 no.2:100-107 '62.

1. Z Katedry technickej mikrobiologie a biochemie Slovenskej vysokej školy technickej v Bratislave, veduci prof. dr. P. Nemec, clen koresp. SAV, zo Slovenskeho kontrolneho a skusobneho ustavu polnohospodarskeho v Bratislave, riaditel' inz. M. Lietava, C. Sc., a z Ustavu hygieny v Bratislave, riaditel' prof. MUDr. P. Mucuch.

(MILK microbiol) (ESCHERICHIA COLI)
(AEROBACTER AEROGENS)

(i-R u n 7, J

CZECHOSLOVAKIA

BARTOS, J., POKORNY, J., ECKERT, V., KRUSINA, L., and TEISINGER, P., with technical cooperation of LUKASOVA, I., SLIVOVA, L., MATOUSOVIC, J., GRUNT, J., DYLEVSKY, J., and DUBSKY, J., First Clinic of Surgery (I. chirurgicka klinika), Faculty of General Medicine (Fakulta vseobecneho lekarstvi), Charles University, Prague, Prof. Dr. PAVROVSKY, director; Fourth Clinic of Internal Medicine (IV. interni klinika), Faculty of Internal Medicine, Charles University, Prague, Prof. Dr. M. FUCIK, director; Radiological Clinic (Radiologicka klinika), Faculty of General Medicine, Charles University, Prague, Prof. Dr. V. SVAB, director, [individual affiliations cannot be determined].

"Direct Revascularization of Myocardium Following an Experimental Infarct in Dogs"

Prague, Casopis Lekaru Ceskych, Vol CII, No 26, 28 June 63, p 725.

Abstract: Experiments lead to the following conclusions:

1. Anastomosis between the system and coronary artery is feasible even with a pulsating heart. 2. Infarct-like changes were observed following the tying of r. interventricularis. A partial adjustment took place following anastomosis. 3. Microscopic examination showed ischemic deposits in dogs with anastomosis

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CZECHOSLOVAKIA

Prague, Casopis Lekaru Ceskych, Vol CII, No 26, 28 June 63,
p 725.

in contrast to large infarcts in dogs without anastomosis.
4. A sudden inflow of blood into the ischemic deposit may be
accompanied by an immediate fibrillation of chambers. It can
be prevented by a temporary interruption of the blood flow
by means of anastomosis and its slow and interrupted liberation.

2/2

- 7 -

HECKO, I.; GRUNT, J.

On the relation between the vital capacity of the lungs in
preschool-age children and their height and weight
Cesk pediat. 19 no.10:903-907 O '64.

1. Ostav hygieny, Obl. ustav pre Slovensko v Bratislave;
riaditel prof. dr. P. Macuch.

GRUNT, J.

Trends in the natality of the agricultural population. Cesk. hyg.
10 no.6:331-334 J1'65

1. Vyskumny ustav hygieny, Bratislava.

GR NT, L.

Spring Leipzig Fair, p. 550, STROJIRENSTVI (Ministerstvo strojirenstvi)
Praha, Vol. 5, No. 7, July 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

RODIONOV, V.M., USPENSKAYA, V.D., ZAMYATKINA, O.G., GRUNT, T.A., POLYAKOVA, V.B

Effect of total-body x-irradiation on the restoration of serum
proteins following blood loss in dogs [with summary in English].
Vop.med.khim. 4 no.5:327-338 S-O '58. (MIRA 11:11)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR,
Moskva.

(BLOOD PROTEINS,

restoration after exper. hemorrh., eff. of total
body x-irradiation (Rus))

(ROENTGEN RAYS, effects,

total body, on blood protein restoration after
exper. hemorrh. (Rus))

(HEMORRHAGE, exper.

eff. of total body x-irradiation on restoration
of blood proteins (Rus))

GRUNT, T.A.

Stratigraphic distribution of brachiopods in Upper Permian
(Dzhul'finskaya series) and Lower Triassic sediments of
Transcaucasia. Biul.MOIP.Otd.geol. 36 no.6:115-116 N-D 1961.
(MIRA 15:7)
(Transcaucasia---Brachiopoda, Fossil)

DEVYATNIN, V.A.; GRUNT, Ye.V.

Activity variation of enzymes oxidizing ascorbic acid in plants.
Trudy VNIVI 5:127-132 '54. (MLRA 9:3)

1. Khimiko-analiticheskaya laboratoriya.
(ASCORBIC ACID OXIDASE)

EXCERPTA MEDICA Sec 2 Vol 12/7 Physiology July 59

2752. AMINO ACID COMPOSITION OF HUMAN EPIDERMIS (Russian text) -
Debov S. S. and Grunt E. V. Dept. of Organic and Biol. Chem., 1st
Moscow Med. Inst. and Lab., Min. of Publ. Hlth of the USSR, Moscow -
VOPR. MED. KHIMII 1958, 4/5 (385-391) Graphs 2 Tables 4 Illus. 1

Analyses were made on epidermis obtained from 2 different localizations: the
anterior surface of the thigh and the sole of the foot. The sum of amino acids found
in the epidermis approximates 100%. It was found that the epidermis of the foot sole
contains more tyrosine and cystine and less arginine, alanine, valine, methionine
and proline than the epidermis of the thigh. The differences are evidently due to
the different degrees of keratinization of the samples. No hydroxyproline was
found in these samples. (11, 12)

GRUNTA, A.

Mobile power plants. p. 7.

CZECHOSLOVAK HEAVY INDUSTRY. Prague, Czechoslovakia. No. 8, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.

Uncl.

117
1957.01
.88

Bukhgalterskiy Uchet V Promyslennom Predpriyatii (Accounting in Industrial enterprises, by) I. L. Gruntfest I B. S. Sheheglov. Minsk, Gos. Izd-voRBR, 1957.

All F. Illus., Diagrams., Tables.

117

GRUNTFEST, Izrail' L'vovich, dots., kand. ekonom. nauk; ISAKOV,
Vasily Ivanovich, prof. Prinsipy uchastiye KROLEVA,
Ye.P., kand. ekonom. nauk; NOVIKOVA, S.N., red.; KAPRALOVA,
A.A., tekhn. red.

[Computing machines and their use in accounting] Schetnye
mashiny i ikh ispol'zovanie v uchete. Moskva, Gostatizdat,
1963. 430 p. (MIRA 16:6)

(Accounting machines)

USSR/Microbiology - Microbes Pathogenic for Man and Animals. F
Bacteria. Bacteria of the Intestinal Group.

Abs Jour : Ref Zhur Biol., No 22, 1958, 99378
Author : Mar, G.I., Stasilevich, Z.K., Gruntfest, M.Yu., Gol'-
dberg, R.S.
Inst : Karaganda Medical Institute
Title : On the Problem of the Etiology and Epidemiology of
Bacillary Dysentery in the Town of Karagand
Orig Pub : Tr. Karagandinsk. med. in-ta, 1957, 1, No 8, 538-541
Abstract : No abstract.

Card 1/1

- 64 -

GRUNTFEST, N.S., vrach; POL', G.R., vrach

Some problems of the work of the medical societies. Sov. zdrav. 20
no.9:86-87 '61. (MIRA 14:12)

1. Predsedatel' pravleniya Kamyshlovskogo meditsinskogo obshchestva
(for Gruntfest). 2. Chlen pravleniya Kamyshlovskogo meditsinskogo
obshchestva (for Pol').
(MEDICAL SOCIETIES)

ALOYAROV, K.M.; GRUNTPEST, N.S.

Two cases of disturbed tubal pregnancy in combination with acute appendicitis and rupture of a cystic, degenerated ovary. Akush. i gin. 39 no.3:130-131 My-Je'63 (MIRA 17:2)

1. Iz Kamyshlovskoy otdelencheskoy bol'nitsy (nachal'nik K.M. Aloyarov) Sverdlovskoy zheleznoy dorogi.

L 06077-67 EWT(1)/EWT(m) WW/DJ/GG

ACC NR: AP6030117

(N)

SOURCE CODE: UR/0421/66/000/004/0118/0126

AUTHOR: Gruntfest, R. A. (Rostov-on-Don); Nikitin, A. K. (Rostov-on-Don)

ORG: none

43

TITLE: Drag of a viscous fluid

B

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 4, 1966, 118-126

TOPIC TAGS: drag coefficient, fluid viscosity

ABSTRACT: The article considers the problem of the resistance encountered by a system of normal stresses in straight line motion along the surface of a viscous fluid of infinite depth. The problem is solved for the linear case, that is, it is assumed that the amplitudes of the waves are small. In the general case, in a closed form, solutions are obtained for the plane and three dimensional cases. The integrals obtained in both cases are studied by the method of the steady state phase, for bounded and unbounded regions. After an extended mathematical treatment, the article concludes with the derivation of formulas for the wave resistance in both the plane and three dimensional cases. Orig. art. has: 47 formulas and 3 figures.

SUB CODE: 20/ SUBM DATE: 15Dec65/ ORIG REF: 007/ OTH REF: 002

Card 1/1

GRUNTFEST, R.A.; NIKITIN, A.K.; PODREZOV, S.A. (Rostov-on-Don):

"Waves on the surface of a viscous fluid of infinite depth."

report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow, 29 Jan - 5 Feb 64.

NIK PIN, A.K. (Kostov-na-Dona ; GRUNTMAN, R.A. (Kostov-na-Dona)

Two-dimensional problem of waves on the surface of a viscous
liquid of infinite depth. Zhur. vych. mat. i mat. fiz. 4 no.4
(suppl.):326-344 '64. (MIRA 18:2)

GRUNTFEST, R.A. (Rostov-na-Donu)

Ship's waves in the case of uniformly accelerated motion. Prikl.
mat. i mekh. 29 no.1:192-196 Ja-F '65.

(MIRA 18:4)

GRUNTFEST, R.A. (Rostov-na-Donu)

Two-dimensional problem involving waves on the surface of a
moving viscous liquid of infinite depth. Zhur. vych. mat. i
mat. fiz. 5 no.4:754-760 J1-Ag '65. (MIRA 18:8)

GRUNTFEST, R.I.

YAKOVLEVSKIY, V.N., inzhener; GRUNTFEST, R.I., inzhener.

Vinyl perchloride paints for building façades. Gor.khoz.Mosk. 28
no.9:11-12 S '54. (MLRA 7:10)
(Paint) (Façades)

~~STARKA~~ GRUNTI, I.
STARKA, L.; BURIAN, V.; GRUNTI, I.; MUSIL, I.

Analysis of the state of health of the rural population. G1g. 1
san. 23 no.2:91-92 F '58. (MIRA 11:4)
(CZECHOSLOVAKIA--MEDICAL RECORDS)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
p 172 (USSR) 15-57-7-9923D

AUTHOR: Gruntorad, Yan

TITLE: Methods of Conducting Geophysical Works in Exploring
for the Deposits of Lead-Zinc Ores in the Region of
Zlatyye Gory (Czechoslovakia) [Metodika geofizicheskikh
rabot pri poiskakh mestorozhdeniy polimetallicheskikh
rud v rayone Zlatyye Gory (Chekhoslovakiya)]

ABSTRACT: Bibliographic entry on the author's dissertation for
the degree of Candidate of Geological and Mineralogical
Sciences, presented to the Leningrad State University
(LGU), Leningrad, 1956

ASSOCIATION: LGU (Leningrad State University)
Card 1/1

GRUNTORAD, YAN

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000617120007-7"

GRUNTORAD, YAN [Gruntorad, Jan]

Effect of poorly conducting bodies on the anomaly of natural
electric fields. Vest. LGU 12 no.2:42-47 '57. (MIRA 11:2)
(Czechoslovakia--Ore deposits)
(Terrestrial electricity)
(Prospecting--Geophysical methods)

GRUNTORAD Yan [Gruntorad, Jan].

Comparison of methods used in complex profiling and profiling with
parallelly displaced electrodes. Uch. zap. LGU no.249:114-133 '58.
(Prospecting--Geophysical methods) (MIRA 11:5)

GRUNTORAD, Yan [Gruntorad, Jan].

Electric field of polarized conductors in homogeneous and heterogeneous media. Uch. zap. LGU no. 249:134-156 '58. (MIRA 11:5,
(Electric fields) (Prospecting--Geophysical methods)

GRUNTORAD, Jan; MASIN, Jan

Geophysics in the survey of deep geological structures.
Vestnik ust geolog 37 no.6:409-413 N '62.

GRUNTORAD, Jan, doc. inz., nositel vyznamenani "Za vynikajici praci"

The method of induced polarization. Geol pruzkum 6 no.12:
362-364 D '64.

1. Faculty of Natural Sciences of Charles University, Prague.

GIL'DINSON, Ye. M.; GRUNTOV, A.M.

Die-stamped dividers for roller guides. Kuz.shtam. proizv.3
no.3:38-39 Mr '61. (MIRA 14:6)
(Sheet-metal work)

YARMOLENKO, V.Ye., kand.tekhn.nauk (Gomel'); GRUNTOV, P.S., inzh. (Gomel');
SHUL'ZHENKO, P.A., kand.tekhn.nauk (Gomel')

New conditions of the work of section stations and improvement of their
techniques. Zhel.dor.transp. 44 no.12:41-44 D '62. (MIRA 15:12)
(Railroads—Stations)

GRUNTOV, P.S., inzh. (Gomel')

Efficient method of organizing local operations in the stations
of high volume lines. Zhel. dor. transp. 45 no.5:62-64 My '63.
(MIRA 16:10)

DISINSKY, G.; GRUNTOVA, Z.

Photocolorimetric determination of di-(4-hydroxycumarinyl-3)
acetic acid (pelentan). Cesk. farm. 3 no.9:303-305 Nov 54.

1. Zo Statneho ustavu pre kontrolu lieciv v Bratislave
(COUMARIN, derivatives
ethyl biscoumacetate photocolorimetric determ.)
(COLORIMETRY
photocolorimetry of ethyl biscoumacetate)

GRUNTOVA ZORA

CZECH

Potentiometric determination of potassium iodide in iodine solutions. Zora Gruntova (Staty, ustav pre kontrolu ledu, Bimistry, Czech, Farmacia 23, 191-202 (1944)). Dissolve 1.0-1.5 g. sample in 10 ml. water and treat with 5 ml. 3N H₂SO₄ and 0.5 g. Ba(NO₃)₂. Titrate directly on Ag or Pt electrode with 0.1N AgNO₃. K. Murek.

GRUNTOVA, Z.

✓1495. Polarographic determination of azo compounds as active ingredients of ointments. G. Dušinský and Z. Gruntová (State Inst. for Control of Drugs, Bratislava, Czechoslovakia). *Czechoslov. Farmac.*, 1965, 4 (9), 445-448. The polarographic determination of 4-diacetyl-amino-2',3'-dimethyl-azobenzene (Polikdol) (I), sodium 4-sulphomethyl-amino-2',3'-dimethylazobenzene (Epitagin) (II), and (2-methyl-4-o-tolylazophenylazo)hydrocupreine (Intexin) (III) is described. They are extracted from the ointment by 50 per cent. acetic acid and the polarography is carried out in about 2-5 N acetic acid. For I, 25 per cent. ethanol and (as buffer) sodium acetate (0.5 M) are also present. The height of the polarographic wave is proportional to the azo-compound content in the concentration of 1×10^{-4} to 1×10^{-3} M for I and 1×10^{-4} to 5×10^{-4} M for II. Since III gives two waves the sum has to be taken; then the same relationship holds for concn. of 1×10^{-4} to 5×10^{-4} M. The second wave has a characteristic max., which can be removed by the addition of fuchsin. The method is rapid (40 to 60 min.) and accurate; ointment bases do not interfere.

A. O. JAKUBOVIC

Colorimetric determination of caffeine. Zora Gruntová
(Stat. ústav pre kontrolu liečiv, Bratislava, Czechoslovakia 24, 140-3(1955).—A quick method for the detn. of caffeine in pharmaceutical prepsns, is described: About 10 mg.

of caffeine is dissolved in 50 ml. 10% H_2SO_4 ; 2.5 ml. of this soln. is dild. with 7.5 ml. 10% H_2SO_4 and heated on a water bath for 5 min. One ml. 20% soln. phosphomolybdic acid is added, heated 20 min., cooled, and filtered through Jena G 4 filter. The ppt. is first washed 3 times with 5 ml. 10% H_2SO_4 , then with H_2O , dissolved on the filter in 5 ml. 0.5N NaOH, and the filter washed with water to make 100 ml. A part of this soln. contg. 100-300 γ of caffeine is dild. with H_2O to 35 ml., 10 ml. 1.5% soln. of ammonium molybdate in 11% HCl and 5 ml. of $SnCl_4$ soln. (0.1 ml. 40% $SnCl_4$ in 37% HCl dild. with 10.4 ml. H_2O) are added and made up to 100 cc. After 4 min. the intensity of the blue color is measured by using Hilger's spectrophotometer with filter H 608. The presence of phenacetin, aspirin, sugars, acetanilide, benzoic acid, salicylic acid, phenobarbital, NaCl, starch, and talc does not interfere, while the presence of aminopyrine, antipyrine, alkaloids, and metrazole does.

K. Macek

GRUNTOVA, ZORA

Polarography of some water-insoluble organic substances with glacial acetic acid as solvent. G. Dufinsky and Zora Gruntová (Stát. ústav kontrola léčiv, Bratislava, Czechoslovakia, farm. 5, 199-201 (1963)). Glacial AcOH is a very good solvent for extn. and polarography of eanjonin (I), 2-phenyl-4-quinolinecarboxylic acid (atophan) (II), and 2-bromoisovalerylurea (III). Caffeine, aminopyrine, phenobarbital, codeine, ephedrine, atropine, tablet base, or suppository base do not interfere, but phenolphthalein does. The sample with 0.1 g. I is extd. with 30, 10, and 10 ml., resp., glacial AcOH; the soln. is then filtered and made up to 50 ml. with AcOH. To 2.5 ml. of this soln. 3 ml. 5-M AcONa and 14.5 ml. H₂O are added and polarography is

carried out from -0.6 v. The half-wave potential of I is -1.14 v. In the case of II or III, 0.02-0.05 g. sample is extd. with 30, 10, and 10 ml., resp., AcOH under heating; the soln. is then cooled, filtered, and dil'd. to 50 ml. with AcOH. To 1-3 ml. of this soln. 18 ml. H₂O is added and polarography carried out from -0.4 v. (in the case of II) or +0.2 v. (in the case of III). K. Masák

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234. Colorimetric determination of caffeine in the presence of amidopyrine and alkaloids. *Z. Gunbax* (State Inst. for Control of Drugs, Bratislava, Czechoslovakia). *Czechoslov. Farm.*, 1948, 5 (4), 216-218.—Caffeine is pptd. from these mixtures by shaking with 0.1 N HCl and extracting with chloroform. The chloroform is evaporated, the residue is dissolved in 10% H_2SO_4 , and caffeine is pptd. with molybdophosphoric acid. The phosphorus in the ppt. is determined colorimetrically. Amidopyrine, codeine, ephedrine and quinine do not interfere, but theophylline must be pptd. with 0.1 N $AgNO_3$. Results are inaccurate if papaverine is present. This method was applied to the analysis of suppositories and tablets. J. Vokac

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Their Application. Medicinals. Vitamins.
Antibiotics.

J-3

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 5590

Author : Gruntova Z., Dusinsky G.

Inst : Not given

Title : Direct Determination by Titration of Elemental Sulfur in
Pharmaceutical Preparations.

Orig Pub : Ceskosl. farmac., 1956, 5, No 5, 275-277

Abstract : The procedure is based on the reaction of S (I) with KCN
in a water-acetone mixture. Determination was accelerated
by addition of a small amount of CS₂ during dissolution
of I in an acetone-containing medium. In tablets and powders
I is determined in the following manner: to a weighed

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Their Application - Medicinals. Vitamins.
Antibiotics

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 5590

Abstract : sample containing 10 mg I is added 1 ml CS₂; after heating
20 ml acetone are added. Insolubles are filtered off
through a glass filter -- these being heavy metal ions
forming complex compounds with cyanide, which can interfere
with the titration -- and 4 ml water are added to the clear
filtrate. Titration is carried out with heating on an
electric plate (6 drops of 0.1% alcoholic solution of
bromocresol red are used as indicator) until the color
changes from yellowish-green to blue-violet. A 0.05 molar
solution of NaCN is used in the titration. Content of I in
tablets and powders was determined by the above-described
method in the presence of santioin, ZnO, H₃BO₃, white clay
and basic bismuth nitrate. I of grey salve (Czechoslovak
Pharmacopoeia, 2nd edition) and of the industrial product

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